

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **27/02/2020**

Reporting of residue quality for the period from:

01/01/2020 to 31/01/2020

	Residue Composition (TOC, Metals, Dioxins, etc.)																				
	TOC (<3%)	Sb mg/kg	Cd mg/kg	Tl mg/kg	Hg mg/kg	Pb mg/kg	Cr mg/kg	Cu mg/kg	Mn mg/kg	Ni mg/kg	As mg/kg	Co mg/kg	V mg/kg	Zn Mg/kg	DIOXIN /FURAN I-TEQ ng/kg	DIOXIN / FURAN			DIOXIN-LIKE PCBS		
																WHO-TEQ ng/kg			WHO-TEQ ng/kg		
																Humans/ mammals	Birds	Fish	Humans/ mammals	Birds	Fish
Bottom Ash (including boiler ash)	3.9	31.7	5.04	6094	<0.41	2,022	182.7	1,447	981	53.6	92.81	15.7	19.8	3,565							
APC residues	3.4	326	33.0		4.30	5,030	96.7	865	660	28.4	641	5.9	10.6	24,660		2755.3	4735.5	2792.3	2755.3	4735.5	2792.3

Reporting of Ash Solubility for the period from:

01/01/2019 to 31/01/2019

Ash solubility (Metals)													
	Sb mg/kg	Cd mg/kg	Tl mg/kg	Hg mg/kg	Pb mg/kg	Cr mg/kg	Cu mg/kg	Mn mg/kg	Ni mg/kg	As mg/kg	Co mg/kg	V mg/kg	Zn mg/kg
Bottom ash (including boiler ash)	31.7	5.04	6094	<0.41	2,022	182.7	1,447	981	53.6	92.81	15.7	19.8	3,565
APC residues	326	33.0		4.30	5,030	96.7	865	660	28.4	641	5.9	10.6	24,660

SignedJohn Williams.....

Date.....28/02/2020.....

(Authorised to sign as representative of **Margam Green Energy Limited**)